

FALL 2013 **in the Field**
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the Field

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EDITOR

Emily J. Waldren, *The Field Museum*

ASSOCIATE EDITOR

Franck Mercurio, *mercurio-exhibits.com*

PHOTO CONTENT SPECIALIST

Nina Cummings, *The Field Museum*

DESIGN

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ON THE COVER

See what they saw at the 1893

World's Fair in The Field Museum's latest exhibition.

IMAGE SOURCE

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The Field Museum salutes the people of Chicago for their long-standing support of the Museum through the Chicago Park District. Programming is partially supported by the Illinois Arts Council, a state agency.

dear member

You and I share a huge responsibility.

We are each, in our own way, responsible for the preservation of one of the most important repositories of our planet.

The Field Museum has things that don't exist elsewhere.

We have records and evidence that will answer scientific questions yet unasked using techniques yet undiscovered.

The power of our collections to solve great scientific mysteries has only just begun to be tapped. And you and I are responsible for all of this.

It is a responsibility that is both daunting and welcome.

You do your part for The Field Museum by maintaining your membership and encouraging others to visit its treasures.

Without our loyal members we would be demoralized.

Without you, we would not be able to do the kind of shark research represented by the work of Kevin Feldheim (page 9).

Without you, we would not have the kind of collection that helps us put the contemporary work of Bunky Echo-Hawk in a cultural and historical context (page 3). Without you we would be lost.

Thank you for sharing these responsibilities. All of us who are lucky enough to work here every day are grateful to you for being part of what we do and for sharing the thrill of our discoveries. We feel lucky to have you as partners

in this marvelous enterprise. Thank you for your support and for your help.

RICHARD W. LARIVIERE, PHD

President and CEO



DOUG MCGOLDRICK

Keeping It Current: Bunky Echo-Hawk

By Franck Mercurio, Associate Editor

WALTER “BUNKY” ECHO-HAWK IS A MAN OF MANY TALENTS: ARTIST, DESIGNER, EDUCATOR, AND ACTIVIST. He is also a member of the Pawnee Nation of Oklahoma and the Yakama

Nation of Washington. Native roots and modern sensibilities inform Echo-Hawk’s creative output.

A selection of Echo-Hawk’s diverse body of work will be exhibited at The Field Museum in *Bunky Echo-Hawk: Modern Warrior* (opening September 26). Curated by The Field Museum’s Alaka Wali, PhD, in collaboration with Echo-Hawk himself, the exhibition will display a variety of works including paintings, skateboard decks, and even athletic wear designed for Nike. Also included will be historic Pawnee objects selected by Echo-Hawk from the Museum’s rich collection of Native American artifacts.

In her anthropological research, Wali studies the factors that enable social resilience among Indigenous peoples. She asks “What allows a group [like the Pawnee] to continue a distinctive way of life, despite generations of loss and change?”

By presenting Echo-Hawk’s contemporary works next to older objects, the exhibition explores the role of aesthetics in the continuation of cultural identity. “Bunky is a bridge between continuity and change,” says curator Wali.

With a deep understanding of Pawnee cultural practices and beliefs, Echo-Hawk comments on contemporary American Indian identity and cultural continuities through his work. Prime examples include Echo-Hawk’s designs for Nike’s N7 line of athletic wear. N7 represents Nike’s commitment to bringing the benefits of sports and physical fitness to Native communities across the United States and Canada, and Echo-Hawk’s designs—including t-shirts and basketball shoes—infuse Native sensibilities into these modern-day consumer products.

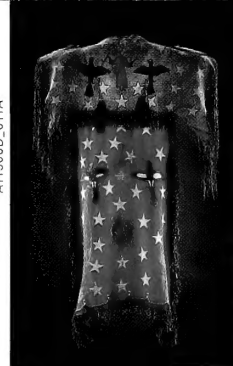
Famous for his “live art” performances, Echo-Hawk often paints canvasses while addressing an audience. These performances reflect the spirit of the Pawnees’ traditional ways of recording tribal history where events were retold and illustrated on stretched bison hides. It’s one more way that Echo-Hawk is inspired by Native tradition. **ITF**

This exhibition is organized by The Field Museum and co-curator Bunky Echo-Hawk.

This project is made possible by a grant from the U.S. Institute of Museum and Library Sciences.



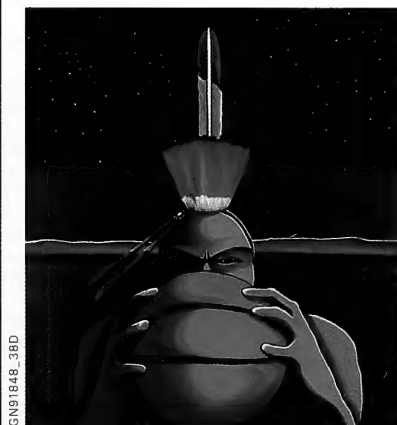
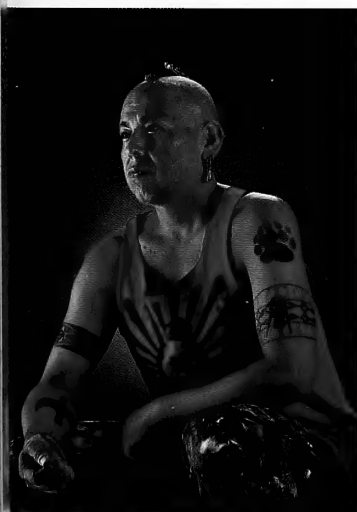
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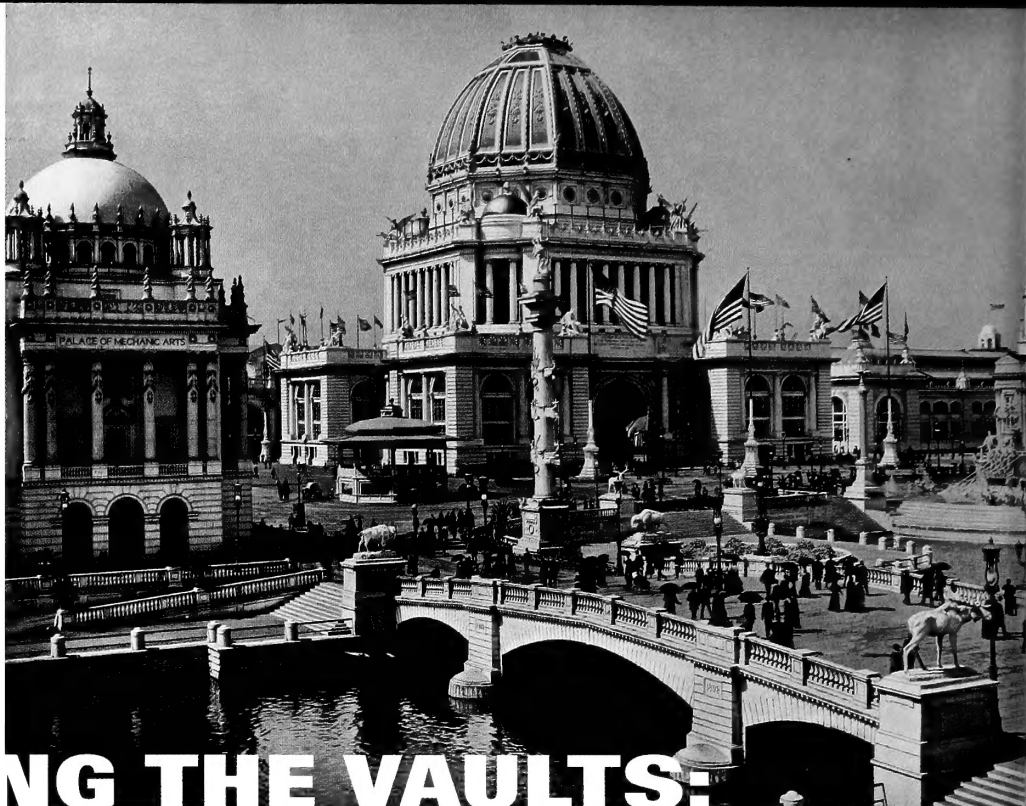


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© BUNKY ECHO-HAWK

Above: Portrait of Echo-Hawk (left); *Triple Threat*, acrylic on canvas by Echo-Hawk (right). Top of page (left to right): Pawnee drum with star design; Ghost Dance dress; Nike sneakers designed by Echo-Hawk.

PHOTOS BY JOHN WEINSTEIN



OPENING THE VAULTS:

WONDERS OF THE 1893 WORLD'S

By Nancy O'Shea, Public Relations Director

CHICAGO'S COLUMBIAN EXPOSITION OF 1893 WAS A WILDLY POPULAR WORLD'S FAIR THAT DREW OVER 25 MILLION VISITORS AND USHERED IN AN ERA OF AMERICAN OPTIMISM AND ECONOMIC GROWTH. Dubbed the "White City" because of the gleaming color of its buildings, the exposition was a historic event for the nation, a turning point for the city of Chicago, and the genesis of one of today's most esteemed scientific institutions: The Field Museum.



Over 200 buildings were built to create the fair, but they were only meant to be temporary. The White City is said to have inspired author L. Frank Baum to create the Emerald City in his book *The Wizard of Oz*.

Now, travel back to 1893 and experience the excitement of the White City in *Opening the Vaults: Wonders of the 1893 World's Fair* (opening October 25) and discover artifacts and specimens from The Field Museum's collections that have rarely, or never, been exhibited in the past 120 years.

After the Great Fire of 1871, much of Chicago lay in ruins. The opening of the Columbian Exposition just 22 years later signaled Chicago's resurrection and stood as a monument of civic pride for its

industrial-era business leaders. The fair's classically-themed, Beaux Arts exhibition halls showcased objects, art, technology, and displays from around the World.

The Columbian Exposition also introduced the public to people and cultures from the far corners of the world. Although non-European cultures were depicted as exotic (a viewpoint undeniably offensive by today's standards), many of the artifacts displayed in those exhibitions were outstanding.

IMAGES, TOP OF PAGE: GN90799D_CG_110W (LEFT), GN90799D_JWH_069W (RIGHT)

Chicago's late 19th century civic leaders, impressed by the fair's exhibitions, decided to acquire many of the items for a new permanent museum to commemorate the fair. A major financial gift came when department store magnate Marshall Field, after touring the fair, donated the huge sum of one million dollars (the equivalent of over \$30 million today). The museum established now bears his name.

Visitors walking through the galleries will see items that thrilled fairgoers 120 years ago, including large taxidermied animals,

Also on display will be gongs and xylophone-like pieces of the gamelan, as well as theatrical masks worn during performances of Javanese music. Items such as a large Japanese vase, drums from the Museum's Pacific collections, and Native American artifacts from both past and present will highlight how the Museum's study of cultures began with the World's Fair and continues today using the latest scientific methods.

Exhibition visitors will also get an overview of the Museum's history (including the formation of the founding collections, the Museum's first home in Jackson Park, and the moving of the Museum's collections out of the old building and into the new in 1921) and the personalities who helped shape this institution such as taxidermist Carl Akeley and paleontologist Elmer Riggs.

Visitors will discover more about the Museum's collections and see how, through cutting-edge research and objects from the collections—including those from the World's Columbian Exposition of 1893—continue to yield fascinating new information.

See page 11 for more exhibition highlights—and come join us at the fair! **ITF**

fully articulated animal skeletons, and ancient fish from Wyoming's Green River fossil bed (recently discovered at the time of the fair and still being explored by Field Museum scientists today). The fair ushered in an age of exploration that led to important discoveries in paleontology—visitors will see dinosaur bones and skeletons that came from early Museum expeditions.

Digital technology will bring the World's Fair—and the objects from it—to life. Mural-sized video projections and soundscapes will immerse visitors in the scenery and energy of the fair. A digital interactive will allow visitors to "play" an Indonesian gamelan from the fair, a musical ensemble consisting of a variety of instruments, including percussions and strings.



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JUST FOR MEMBERS

As a valued member, you are cordially invited to celebrate our exhibition, *Opening the Vaults: Wonders of the 1893 World's Fair*. This exclusive event will be held on Sunday, October 27 from 9am–12pm.

Join us as a member of our Exhibitions staff presents a lecture on *Opening the Vaults: Wonders of the 1893 World's Fair*, followed by a Members-only viewing of this new exhibition.

Reservations to this event are required and can be made by contacting 312.665.7705, Monday through Friday, from 8:30am–4:30pm or by emailing membership@fieldmuseum.org.

Opening the Vaults: Wonders of the 1893 World's Fair was created by The Field Museum.

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When Giving is Receiving: Philanthropy Starts at Any Age

By Franck Mercurio, Associate Editor

IN MANY WAYS, NATE SPRATFORD IS NO DIFFERENT than any other eight-year-old boy from LaGrange, Illinois. Among his interests: dinosaurs and birds. So it's no surprise that Nate loves to see both *Evolving Planet* and the *Gidwitz Hall of Birds* when visiting The Field Museum with his family—including mom, Becky; dad, Eric; and sister, Samantha.

But for Nate's eighth birthday, he made an unusual request. Nate asked that no one give him presents. Instead, he suggested that family and friends contribute gifts to The Field Museum.

Nate had been saving his allowance to adopt his own *T. rex* for some time. The package includes a plush dino—complete with carrying crate, fact sheet, certificate of adoption, and official species tag—along with an invitation to attend the Museum's popular Members' Nights.

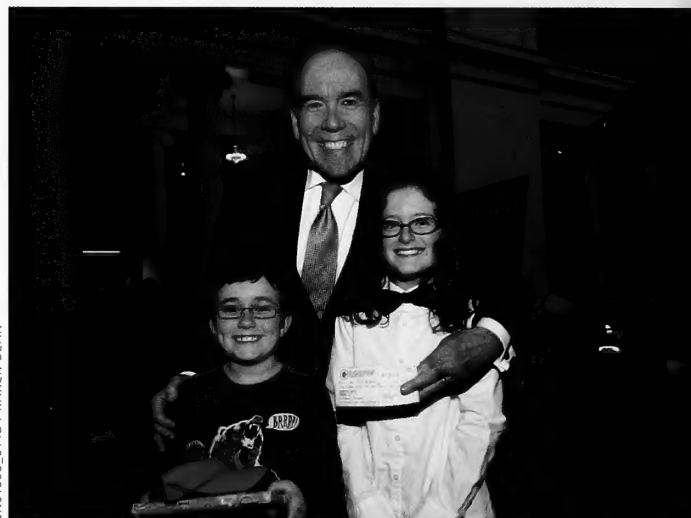
To facilitate donations for the *T. rex*, Nate set up a "Feed the Dino" bucket at his birthday party. Guests far exceeded the standard "Adopt a *T. rex*" donation of \$39, generously giving nearly \$200! Nate presented a check for the total amount to Field Museum President Richard Lariviere at Members' Nights this past April.

During their visit, Nate and sister Samantha got to see the many research facilities and collections areas that are supported in part by Annual Fund contributions. Both loved

visiting Museum floors that are usually closed to the public.

"It was great to see all the behind-the-scenes stuff," said Samantha. "I loved holding a real tarantula and the giant cockroach."

"I liked watching her hold them!" responded Nate.



GN91803_014D / KAREN BEAN

Museum President Richard Lariviere with Nate and Samantha Spratford.

Given his family's philanthropic bent, it is no wonder Nate wanted to give instead of receive for his birthday. Parents Becky and Eric are both in service jobs (public librarian and family doctor, respectively) and emphasize the importance of giving back to the community. "I think the big thing is that the kids see us doing things for charity, and most importantly, giving our time to our community," said Becky. **ITF**



GN91803_004D / KAREN BEAN



DAVID QUEDNAU / THE FIELD MUSEUM

Inspire future scientists

A vital source of Museum funding comes from individual donors, like you. In the spirit of the upcoming holiday season, consider making a gift to The Field Museum. Your contribution helps sustain the Museum's scientific mission, including research initiatives, collections conservation, and public outreach—and with your help, we will continue to engage and inspire the next generation of scientists for years to come. And as always, your contribution is tax-deductible. Visit fieldmuseum.org/annualfund to make an impact today!

MUSEUM MEALS

RESTAURANTS OFFER SUSTAINABILITY AND DELICIOUS OPTIONS

By Emily Waldren, Editor

WHILE VISITING THE MUSEUM THIS FALL, YOU MAY NOTICE SOME CHANGES

TO YOUR DINING OPTIONS. Beginning in September, work will begin on The Field Bistro on the main level (currently home to Corner Bakery); the bistro will open in mid-November. Afterward, work will start on our new Explorer Café on the ground level (in McDonald's current location). Both brand new restaurants are scheduled to be up and running by April 2014.

The restaurants—unique to The Field—will extend the Museum's conservation mission into its dining operations. The Museum has partnered with Beyond Green Sustainable Food Partners and ARAMARK to create a program that will not only increase awareness of healthy living, but also focus on waste reduction as well as energy and water conservation and improved air quality. To achieve their sustainability goals, the restaurants will create efficiencies that work in conjunction with one another to improve all aspects of operation.



Both The Field Bistro and the Explorer Café will feature locally grown or produced food, prepared and served to order. Because the restaurants will rely on the freshest ingredients, the menus will change throughout the year as new seasons bring new harvests and flavors.

A highlight of the bistro will be the "World Grill," which will not only allow the Museum to showcase dishes from around the world, but will also bring our permanent exhibitions to life! Visitors will also be able to enjoy drinks at the bistro's wine bar, featuring local wine and craft beers. The Explorer Café on the Ground Level will feature a family-friendly menu and décor, including an outdoor patio.

The Museum's new restaurants will enhance visitors' experiences at The Field. Drawing upon Museum exhibitions and programs for inspiration, they will continue Museum exploration even during your meals. **ITF**

IMAGES COURTESY OF ARAMARK

Field Museum Sciences

Restructured for a New Century of Impact

By Mark Alvey, Science Communications Manager

THE FIELD MUSEUM HAS LONG BEEN AN INTERNATIONALLY ACCLAIMED CENTER FOR SCIENTIFIC STUDY, TRAINING, AND CONSERVATION ACTION. In an effort to expand

cross-disciplinary research, collections access, and educational outreach, the Museum has restructured its science disciplines into a new Science & Education unit with three complementary centers: collections, research, and science action.

Museum Members know that the heart of the Museum is our collections, and our new **Collections Center** will focus on maximizing the accessibility of our objects for researchers, conservation professionals, and educators worldwide. With over 25 million specimens and artifacts in our care, this is no small feat. Field Museum scientists will start by identifying our "top objects"—specimens or artifacts that are rare or exist in no other museums—as priorities for databasing, digitizing, and imaging, in order to make our collections increasingly available for study worldwide.

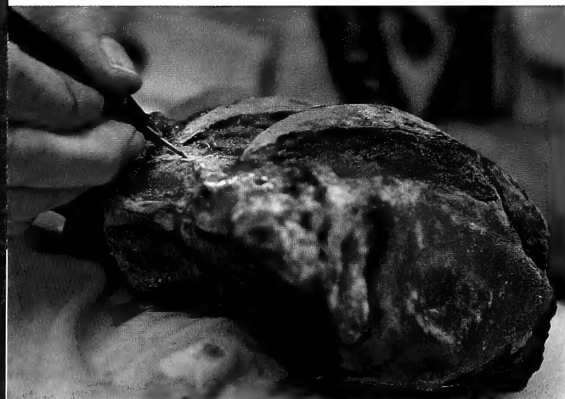
The Museum will maintain its commitment to cutting-edge science in our new **Integrative Research Center**. Here, scientists will continue to research the evolution of Earth, its life, and its cultures. With the restructuring, the departments will be able to collaborate across the fields of biological, social, and earth sciences allowing us to achieve greater insights in our research. As always, the Museum's collections will play a huge role in our integrative research.



RS0323 / ALVARO DEL CAMPO

Our **Science Action Center** puts Museum science to work for conservation and cultural understanding, building on our success both here in the Chicago region as well as in the Andes-Amazon forests. While deepening the focus in those regions, the center is also collaborating with scientists across Science & Education to expand our impact in the tropics and in urban centers around the world.

Through these three centers, the Field will pursue the kind of science only museums can do, calling on our unique expertise to understand the past, explore the present, and shape a future rich with biological and cultural diversity. **ITF**



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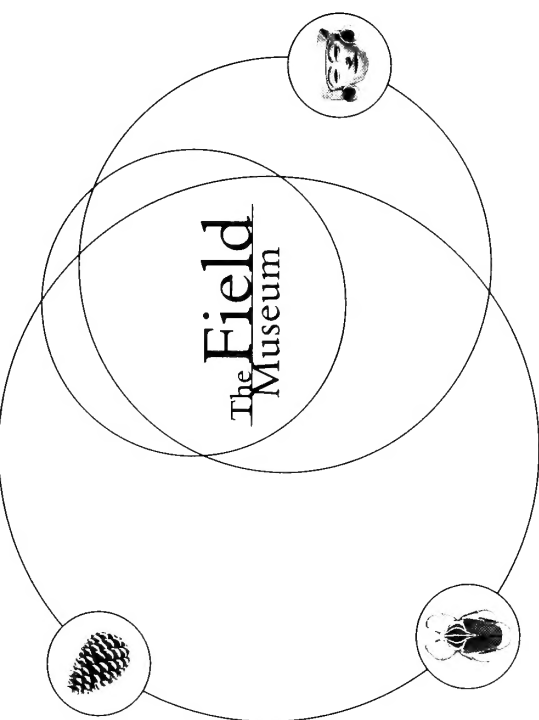


RS 19653



Want to support Museum scientists?

Together with your help, our scientists are exploring the planet and discovering new ways to protect it for the future. To make a donation to Field Museum science, call 312.665.7783 or visit fieldmuseum.org.



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for your
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Double the impact of your gift and visit www.fieldmuseum.org/support/matching-gifts to see if your employer has a matching gifts program.

Sand Tiger Sharks

Give New Meaning to Sibling Rivalry

Kevin Feldheim talks to *In The Field*



©ISTOCKPHOTO.COM / CREEPERS88

AS A CHILD, DID YOU AND YOUR SIBLINGS constantly bicker—maybe even fight to get your parents' attentions? Rest assured, even your worst battle with your brother couldn't compare with those of the sand tiger shark. Kevin Feldheim, A. Watson Armour III Manager of the Pritzker Laboratory for Molecular Systematics and Evolution, recently participated in a new study of these animals, then told *In The Field* about what he and his colleagues discovered:

I use DNA to study mating systems and population dynamics of sharks. One of the species I find incredibly interesting is the sand tiger shark. A few years ago a good friend of mine asked if I wanted to develop genetic markers to examine the mating system of this species, and I jumped at the offer.

We (along with collaborators from Florida, South Africa, and Australia) published a paper describing these genetic markers. The type of marker we developed, known as a microsatellite, is used in human paternity tests. We performed the same type of paternity test for this species—a “who’s your shark daddy?” if you will.

Now, in the vast majority of species, if a male fertilizes an egg, it is a safe bet that he would end up being a father. In the sand tiger, however, the story does not end there. Female sand tiger sharks have two functional uteri and drop several eggs into each one. Our group was interested in how many males fertilize those eggs. Here is where the story gets interesting. The baby shark that hatches first in each uterus will eat its siblings *in utero*!

What we found in our genetic study is that a female sand tiger shark tends to mate with more than one male, a common theme in sharks. Intrauterine cannibalism, however, will sometimes reduce the number of sires of a litter from two to one. Bottom line for this species, not only do you have to fertilize a female’s eggs, but it pays to be the first male to inseminate the female.

So the next time you and your siblings reminisce about the time “you almost killed” each other, just remember you’re better off than sand tiger sharks! **ITF**



DR. SAMUEL GRUBER

Kevin Feldheim with his friend, the sand tiger shark.



©ISTOCKPHOTO.COM / STEPHANIK12

What They Did Last Summer: Scientists' Fieldwork

By Franck Mercurio, Associate Editor



EACH YEAR, THE FIELD MUSEUM SENDS DOZENS OF RESEARCHERS AND SCIENTISTS INTO THE FIELD TO DIG FOR DINOSAURS, EXCAVATE ANCIENT RUINS, AND HUNT FOR RARE PLANT SPECIMENS. HERE ARE THE SUMMER ADVENTURES OF SOME OF THE MUSEUM'S INTREPID EXPLORERS.

HAWAII ROBERT LÜCKING

This past June, Field Museum lichenologist Robert Lücking, PhD, spent three weeks in Hawaii looking for lichens. He was accompanied by colleagues Bibiana Moncada, PhD, from Colombia and Clifford Smith, PhD, from the University of Hawaii's Oahu Army Natural Resource Project. Their quest: to find rare lichens from families they currently study. Lichens are composite organisms, consisting of a fungus and an algae or a cyanobacterium; the entity looks quite different from its individual components. Most Hawaiian lichens are assumed to represent widespread species. However, Lücking believes that many lichen species evolved within the relative isolation of the Hawaiian Islands and are found no place else on Earth. To test this, Lücking and his colleagues collected fresh samples for DNA

Lobariella: One of at least three newly discovered species that evolved in the Hawaiian archipelago.

extraction. Initial DNA sequencing confirms that there are at least three endemic species of *Lobariella* in Hawaii, all originating from one colonization event. This revolutionary finding puts lichens at the same level of unique evolutionary history as vascular plants within the Hawaiian archipelago.



PHOTOS COURTESY OF ROBERT LÜCKING



Pallidogramme: Many new, endemic species were discovered in the large tropical family Graphidaceae.

OAXACA GARY FEINMAN & LINDA NICHOLAS

From April through June 2013, Field Museum archaeologists Gary Feinman, PhD, and Linda Nicholas conducted fieldwork in Oaxaca, Mexico, excavating at the site of Lambityeco. Located 17 miles east of Oaxaca City, this former Zapotec town reached its greatest extent from about AD 500–850, roughly the same time as the Classic Maya. Feinman and Nicholas focused their excavations on a residential complex located adjacent to Lambityeco's main temple. Here they found over 800 clay figurines and an array of artifacts associated with large-scale food preparation—including serving vessels and carbonized maize cobs—perhaps indicating the residence's role in provisioning and supporting the nearby temple. Feinman's and Nicholas' ongoing investigations at Lambityeco suggest connections between domestic and public ritual in Zapotec life. Continued discoveries might provide clues to the shifting relations between Lambityeco and Monte Albán, the Zapotec capital, as well as major societal transitions that occurred in the region around AD 850. **ITF**



PHOTOS COURTESY OF LINDA NICHOLAS

The archaeological site of Lambityeco in Oaxaca, Mexico (above). A clay figurine is uncovered at Lambityeco (top of page).



HIGHLIGHTS

FROM THE 1893

WORLD'S FAIR

By Emily Waldren, Editor

STARTING OCTOBER 25, YOU'LL HAVE THE CHANCE TO DISCOVER SOME OF THE MOST fascinating finds from the Columbian Exposition in our new exhibition *Opening the Vaults: Wonders of the 1893 World's Fair*. (See page 4 for more.) Many of the items on display haven't been exhibited in over 100 years, so we selected some of our favorites to highlight. It may be another 100 years before they're shown again, and you don't want to miss out!

METEORITES

During the World's Fair, several large collections of meteorites were displayed—many of which became part of the founding collections (at left). At the fair, meteorites were presented as curiosities; people did not realize their scientific importance until later. One highlight from our collection that will be on display is the "Elbogen Meteorite," which fell in the Czech Republic around the year AD 1400. One of the oldest recorded falls, this meteorite was thought to be cursed. According to legend, a cursed count—known for his cruelty—was transformed into the meteorite, and not even the hottest furnace could melt it.

TICKETS TO THE FAIR

To encourage attendance, the fair's organizers made different tickets for themed days; "Chicago Day" was one. A ticket to the fair cost 50 cents for adults, 25 cents for children under 12, and admission was free for children under 6. Visitors will be able to see a number of different tickets on display inside the exhibition. Ticket art featured such notables as George Frideric Handel, Abraham Lincoln, and Benjamin Franklin.

THE GAMELAN

The gamelan, a traditional Indonesian instrument, is composed of over 40 individual pieces; these lions are part of the xylophone portion of the gamelan. While not *all* pieces will be on display inside *Opening the Vaults*, a digital interactive will allow visitors to explore additional instruments. During the fair, it was played in the Javanese theater on the Midway Plaisance, accompanied by traditional, masked dancers. **ITF**

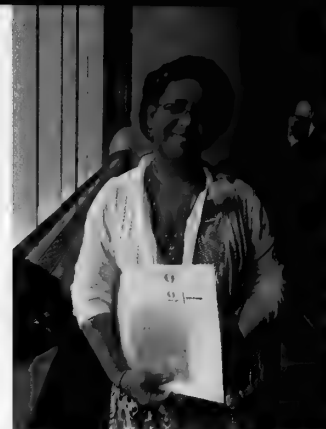
Opening the Vaults: Wonders of the 1893 World's Fair was created by The Field Museum.

Lead Sponsors: Allstate Insurance Company, Exelon, UI



GOLDEN APPLE OF OUR EYE

By Lindsey Snyder, N. W. Harris Learning Collection Administrator



WE ARE PROUD TO ANNOUNCE THAT FIELD AMBASSADOR LIZ COPPER WAS SELECTED FROM OVER 500 ILLINOIS NOMINEES TO RECEIVE THE GOLDEN APPLE AWARD FOR EXCELLENCE IN TEACHING.

This award recognizes outstanding teachers for their leadership and dedication to building a stronger, better-educated citizenry. Copper teaches environmental science at Lindblom Math and Science Academy in Chicago and has been involved with The Field Museum's Education Department for over ten years, most notably as a Field Ambassador.



ALL PHOTOS © ELIZABETH COPPER



Q+A WITH LIZ COPPER

How long have you been a teacher? Over 20 years

When did you become a Field Ambassador? 2002, when the *Chocolate* exhibition was at The Field Museum—for the first time!

What do you teach? AP Environmental Science and Forensics at Lindblom Math and Science Academy in Chicago

What is your favorite exhibition at The Field Museum? Tie between *The DNA Discovery Center* (because you get to talk with scientists) and *Inside Ancient Egypt*

What is your favorite item to borrow from the N. W. Harris Learning Collection? Hominid Evolution Experience Box

Field Ambassadors are Chicago-area teachers who attend on-going professional development at the Museum and ultimately serve as liaisons between their school community and the Museum. Copper's favorite part of the program is touring behind the scenes to view the collections. Field Ambassadors also are invited to preview temporary exhibitions. As a result of becoming a Field Ambassador, Copper says she looks at exhibitions with a "different lens." She notes, "You can decide, can I use it? Or can someone else at my school use it? It's not just science; you're looking at social studies, art, language arts..." From Copper's perspective, the opportunities for teaching and learning at The Field Museum are endless.

Learning about the Focused Field Trip model—activities before the field trip, an activity in one or two exhibitions while on the field trip, and activities in the classroom after the field trip—has helped Copper build field trips that are great for student learning. And, she brags, "not stressful!"

Additionally, Copper encourages her fellow teachers to view The Field Museum as a resource for building their own knowledge. "As a teacher, if you're unsure about something, like evolution or mass extinctions, you can go to *Evolving Planet* and learn what you need to know. And you know everything is going to be aligned with your state standards." **ITF**

Teacher Professional Development Programs are sponsored by JPMorgan Chase & Co.

Want to learn more about our programs and resources for teachers? Visit fieldmuseum.org/schools.

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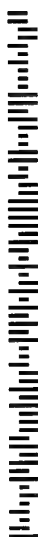
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GIFT OF HELMUT ESCHWEGE

State of Deception: The Power of Nazi Propaganda

By Bailey Anstead, Writer

**IN 1924, ADOLF HITLER WROTE,
“PROPAGANDA IS A TRULY TERRIBLE WEAPON IN THE HANDS OF AN EXPERT.”
THIS DECLARATION PROVED PROPHETIC AS HITLER AND HIS NAZI**

party swayed millions of Germans with ideals of a racially pure “national community” and frightening images of the enemies who would destroy it.

The effectiveness of Nazi propaganda’s influence on people’s actions and opinions continues to be debated by scholars today. But Allied officials and Nazi leaders themselves believed that propaganda played an important role in the implementation of Nazi policies.

When Hitler joined the German Workers Party in 1919, it had only a few members. Within weeks, Hitler expanded the group’s membership; within a year, he became the director of party propaganda. His tactics included leaflets, newspaper advertisements, public addresses, and the creation of the party’s flag, which was dominated by the now infamous swastika. The Nazi Party also began using new technologies of the day, such as records, radio broadcasts, and films.

State of Deception: The Power of Nazi Propaganda (opens November 6) reveals how a small, extremist movement transformed itself into an influential political party by the early 1930s.

Drawing upon techniques used by Socialist and Communist rivals, the Italian Fascist party, and modern advertising, Hitler created a Nazi brand that effectively resonated with the German people.

The exhibition features rarely seen artifacts, striking imagery, and a vibrant multimedia atmosphere. Today, most think of the Nazis as simply promoting hate, but they deftly used propaganda as a complex tool to sway public opinion. The exhibition shows how their propaganda enabled the Nazis to gain power, build popular support for its policies in a dictatorship, and facilitate World War II and the mass murder of Europe’s Jews and others.

State of Deception also examines postwar Allied efforts to eliminate all Nazi propaganda in Germany. Eventually, in 1948, the United Nations adopted the Convention on the Prevention and Punishment of the Crime of Genocide, and since then, propagandists have been charged under this statute with “direct and public incitement to genocide.” With large-scale ethnic massacres continuing today in places like Darfur and the Congo, it is vitally important for us to understand the connections between propaganda and genocide. **ITF**

State of Deception: The Power of Nazi Propaganda was produced by the United States Holocaust Memorial Museum.

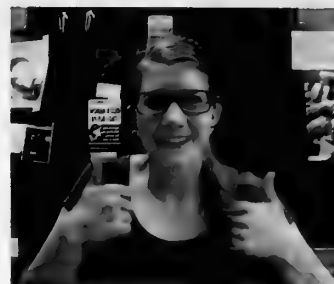
This exhibition was underwritten in part by grants from The Blanche and Irving Laurie Foundation and Katherine M. and Leo S. Ullman with additional support from the Lester Robbins and Sheila Johnson Robbins Traveling and Special Exhibitions Fund, established in 1990.

Generous support provided by The Crown Family.

IMAGES: U.S. HOLOCAUST MEMORIAL MUSEUM

Emily Graslie Gives You "The Brain Scoop"

By Nancy O'Shea, Public Relations Director



OVER THE SUMMER, THE FIELD MUSEUM HIRED POPULAR YOUTUBE PERSONALITY

EMILY GRASLIE as the Museum's first-ever Chief Curiosity Correspondent. Graslie, 24, is the star of The Brain Scoop, a YouTube channel that in four months became the most popular museum channel in the world, with over 3 million views. In addition to its devoted and growing fan base, The Brain Scoop also has been highlighted on the websites of National Public Radio and Scientific American and was featured on Wikipedia's front page.



To see some of Graslie's latest videos, visit youtube.com/thebrainscoop.

Graslie, a graduate of the University of Montana with a BFA in art, started volunteering at the school's natural history museum in November, 2010. She worked in a lab where animal specimens are prepared for the museum's collections. Her enthusiasm for the job and skills as a communicator eventually led to the development of The Brain Scoop (named after a tool used in specimen preparation).

After her hire, Graslie stated, "I am thrilled to be coming to The Field Museum. When I started volunteering at UM, I never imagined someday I would get the opportunity to work in one of the greatest museums in the world. This is an absolute dream come true!"

Graslie began working at The Field Museum in July and has been producing one Brain Scoop episode a week since starting. Episodes have highlighted the Museum's science and conservation work, exhibitions, and other activities. Graslie can also be found conducting demonstrations in the Museum's public spaces and engaging visitors in question and answer sessions. **ITF**

the **BRAIN SCOOP** with EMILY GRASLIE



Meet Emily at Donor Appreciation Night on October 29

This October, donors to the Annual Fund will have the opportunity to learn more about The Brain Scoop and meet Emily herself during Donor Appreciation Night! The after-hours event allows Museum members behind-the-scenes access to collections and research areas and features engaging activities for children and adults.

Support the Annual Fund today to receive your invitation to Donor Appreciation Night on October 29. To make your gift online, visit fieldmuseum.org/annualfund, or contact Kristina Yi Lugo, Annual Fund Coordinator, at 312.665.7782 or klugo@fieldmuseum.org for more information. Don't miss out on this opportunity to meet the Field's Chief Curiosity Correspondent!

The Season of Giving

By Jeri Webb, Director of Museum Stores

HOLIDAY SHOPPING IS EASY AND FUN AT THE FIELD MUSEUM STORES WHERE A WORLD OF GIFT IDEAS IS AVAILABLE. WHETHER YOU STOP BY IN PERSON OR SHOP ONLINE, YOUR GIFT LIST WILL BE COMPLETE IN NO TIME!



*Gorgeous jewelry from casual to ornate;
Striking gifts from across the globe;
Handcrafted, hand-carved, and hand-painted;
We've got it all!*

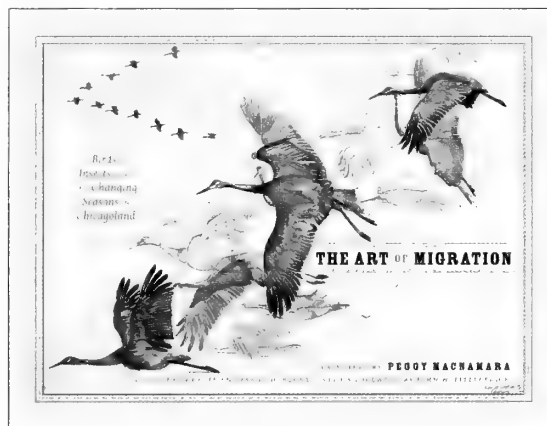
FOLK ROCKET

Contemporary Navajo folk art is rooted in the day-to-day life of its practitioners, combining practicality with whimsy. Fashioning his first carvings at 11 years old, Navajo artist Delbert Buck is self-taught. His brightly-colored pieces juxtapose the commonplace with the unexpected. Buck's cowboys ride giraffes, ostriches, or skunks rather than horses—and in some cases, they take to the skies! (\$420)

*A bucket hat to wear while pounding the trail;
A map measurer to help you navigate;
A water bottle to sip from as you stride along;
Let us inspire you!*

THE ART OF MIGRATION

Artist in residence since 1990, Peggy Macnamara brings The Field Museum's collections to delicate, watercolor life. Her latest book, *The Art of Migration*, focuses on the Illinois flyway, and the many birds—and insects—that travel through the Chicago region each year. Let your imagination soar with this visually stunning publication. (\$25)



*Cuddly—and realistic—plush animals to learn about and love;
Educational kits and games that make learning fun;
Books for everyone from babies to budding young scientists;
Let the adventure begin!*

ROBORAPTOR

Velociraptors lived during the Cretaceous period, about 75 million years ago. Did they live in packs? Were they warm-blooded? Did they have feathers? Scientists are learning more about them every day! One thing's for sure: this futuristic version will help you hunt down fun! (\$26)



ALL PHOTOS LINDSAY SILK-KREMANAK / THE FIELD MUSEUM



GREG NEISE



GREG NEISE



JEAN LACHAT



A FIELD DAY WITH THE KIDS

By Emily Waldren, Editor

WHETHER YOU'VE BEEN A MEMBER FOR FIVE WEEKS OR FIVE YEARS, THE SHEER SIZE OF THE FIELD CAN BE OVERWHELMING FOR A FAMILY WITH SMALL CHILDREN. With over 30 permanent exhibition halls, there's a desire to see everything in a single visit, but a little one's short stamina can make that difficult! For those visiting the Museum with kids in tow, we've created an itinerary you can use for a half-day visit.

Start your day on the Main Level in *What is an Animal?* where you and your children can explore animals found in the deep ocean to the African plains to your own backyard. Learn about animal sizes, shapes, colors, and where and how animals live. Plan to spend about 30 minutes inside this exhibition.

Once you've learned the basics of the animal kingdom, dive deep into the world of birds in the *Ronald and Christina Gidwitz Hall of Birds*. Let your little ones find and identify the birds they see every day, before discovering the numerous birds found outside North America. iPads throughout the hall entertain with videos and games. You and your family will want to spend about 30 minutes in the *Hall of Birds*.

From birds in the sky to creatures below, your next stop is *Underground Adventure* on the Ground Floor. Explore the world beneath your feet where tree roots and soil

critters appear 100 times their true size! Plan to spend about 40 minutes learning about entire ecosystems underground.

Following your *Underground Adventure*, spend some time in the Museum's *Crown Family PlayLab* where everything is designed with your child in mind. Geared for children ages 2–6, the *PlayLab* offers a chance to create a masterpiece, discover dinosaur bones, harvest corn, and become woodland animals. Allow an hour inside this interactive space to experience it all! (The *PlayLab* is open Wednesdays through Mondays from 10am–4pm.)

And no visit to The Field Museum is complete without saying hello to SUE, the world's largest and most complete *T. rex*. Marvel at SUE's sharp teeth as you take a group photo. SUE loves to pose for pictures! **ITF**

IMAGES © THE FIELD MUSEUM

Adopt a *T. rex* Showcase!

Wherever you go with your adopted *T. rex*, be sure to remember your camera! Whether you read a good book or visit the zoo, your *T. rex* friend wants to go too. Submit a photo of you and your *T. rex* spending time together to fieldmuseum.org/adoptshowcase. We'll post the photos on our Flickr page, and a prize winner will be randomly chosen on the last day of each month.

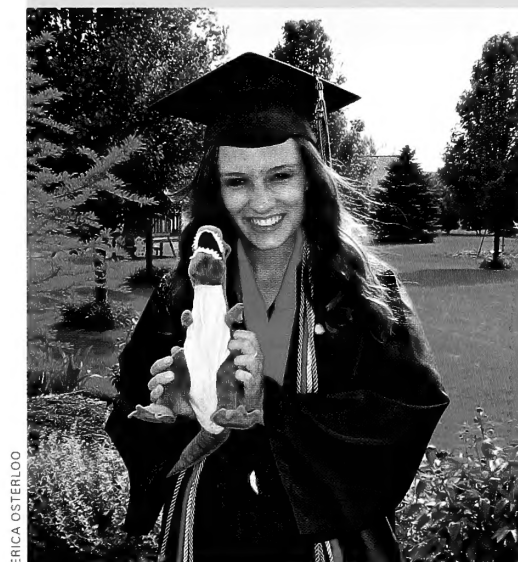
If you've yet to bring a *T. rex* home, and want to adopt one of these ferocious creatures, visit fieldmuseum.org/support/adopt-trex.

Children's Holiday Celebration

Please join us for the Children's Holiday Celebration hosted by The Women's Board of The Field Museum on Thursday, December 5th, from 4pm to 6:30pm.

At this festive event, children and adults are invited to explore and celebrate the many cultures of Chicago and the world. Activities include a scavenger hunt, crafts, live entertainment, and a visit from Santa Claus—all to create a memorable afternoon of holiday fun.

Tickets are \$20 for adults or \$17 for adult Museum members and \$12 for children ages 13 and under. Reservations are limited, and tickets will not be sold at the door. Visit fieldmuseum.org/chc to purchase tickets. Please call 312.665.7145 for more information.



ERICA OSTERLOO

Field Museum Memberships

Time to renew your membership?

Call 312.665.7700 • Mon.–Fri., 8:30am–4:30pm

Visit fieldmuseum.org/membership

Field memberships also make great gifts!



GN9TE00 022D / KAREN BEAN

museum campus neighbors

SHEDD AQUARIUM

Pacific white-sided dolphins and beluga whales team with a trio of talented dogs in Shedd Aquarium's new aquatic show, **One World**. The dogs, all rescued from local shelters, demonstrate how positive reinforcement—the "Shedd Way" of training—works equally well with marine mammals and pets. Feel the wonder as graceful cownose rays glide under your fingertips in **Stingray Touch**, through October (weather permitting). Holiday programming arrives in December.

ADLER PLANETARIUM

Take an exciting journey of discovery as the world's most technologically advanced theater transforms into a virtual observatory in **Cosmic Wonder**. Visitors are invited to look up as the night sky reveals the mysteries of our Universe. And create a new holiday tradition; **Season of Wonder** features a one-of-a-kind immersive experience in *The World's Largest Snow Globe*, a look at the night sky with **Holiday Sky Live!**, and holiday-themed educational programming.

program calendar

Program Tickets + Info 312.665.7400

General Museum Info 312.922.9410

september

Artists and Authors*

9.21, 11am–2pm > The Field Museum's resident artist joins us this month for an up-close look at birds. Visit artist Peggy Macnamara outside the *Crown Family PlayLab* as she works on one of her paintings using specimens from the collection as her inspiration. Join in on the fun and sketch alongside her, then visit the Art Studio to decorate your own pair of binoculars to take on your next bird watching adventure.

october

Artists and Authors*

10.19, 11am–2pm > Join us in the *Crown Family PlayLab* Art Studio for a unique painting experience inspired by the new Webber Gallery exhibition *Bunky Echo-Hawk: Modern Warrior*. View contemporary Native American artist and activist Bunky Echohawk's colorful large-scale paintings and sports gear and see how an artist can fight as a modern-day warrior by striving for constructive change while keeping his Native culture alive and flourishing. Later, head to the Art Studio to create your own painting on canvas—how does it represent you?

november

Artists and Authors*

11.16, 11am–2pm > Scaly skin, sharp teeth, and slithering tongues! Come explore the exciting world of herpetology, the study of amphibians and reptiles. Meet with Field Museum scientists to see herpetology specimens up-close, then mold and sculpt your own clay reptile in the Art Studio or practice the art of scientific illustration and draw your own reptile to take home.

december

Artists and Authors*

12.21, 11am–2pm > Join us as we celebrate music from the World's Fair. In coordination with the exhibition *Opening the Vaults: Wonders of the 1893 World's Fair*, come hear a performance by the Friends of the Gamelan as they play traditional percussion music on the historic instrument called a Gamelan. After the performance, join us in the Art Studio to make your own percussion instrument.

*FREE with Museum Admission

in the *Crown Family PlayLab*

DOZIN' WITH THE DINOS overnights at the museum

Bring your sleeping bag and explore one of the most exciting spots in town! *Dozin' with the Dinos* is a chance

for children ages 6–12 to spend the night at The Field Museum. Enjoy activities like games from around the world or live insects from your own backyard. Enjoy a snack break to fuel yourself for a self-guided tour of *Inside Ancient Egypt*—in the dark! (Make sure to bring your flashlight!) Before you know it, you're listening to bedtime stories in the shadow of SUE the *T. rex* and crawling into your sleeping bag in one of our wondrous exhibitions. Fridays, 5:45pm to 9am the following morning.

Standard Overnight: \$63, \$55 members and groups

Premium Packages: Families can also sign up for Premium Package 1 and sleep in our *Evolving Planet* exhibition, or book the Premium Package with Tour and sleep in *Evolving Planet* and add a behind-the-scenes tour with a Field Museum scientist!

Premium Package 1: \$75, \$65 members

Premium Package 2 (with tour): \$87, \$77 members

2014 DATES

January 10 & 31 • February 7, 21, & 28 • March 14 & 28
April 4 • May 9 • May 30

Tickets for the 2014 season are on sale now.

Visit fieldmuseum.org/overnights or call 312.665.7400 to register.

Youth Design Team

Part design studio, part museum studies, and part science class, Youth Design Team is a for-credit academic course for 10th–12th graders.

Applicants in 10th–12th grade from participating educational institutions with a grade point average at or above 3.2 or the equivalent are eligible. Course capacity is limited to 15.

Thursdays > 1:30pm–4:30pm

October 10, 2013–April 24, 2014

Please email digitalstudio@fieldmuseum.org for an application and more information. Applications are due September 16.

fieldmuseum.org
event details are available online!



attn: educators!

Take The Field Museum with you! From a skunk specimen, to SUE's tooth, to a ceremonial mask from Cameroon, the *N. W. Harris Learning Collection at The Field Museum* gives educators and parents the chance to take the Museum's collection to their classroom or home. Use materials from the *N. W. Harris Learning Collection* to engage students in scientific practices, develop critical thinking skills, and pique curiosity about Earth's natural and cultural diversity. With over 400 unique Exhibit Cases (mini-dioramas) and

70 Experience Boxes (hands-on kits), your options are endless!

Open Saturday (9am–5pm), and Tuesdays and Wednesdays (3pm–7pm). Please call 312.665.7555 for more information.

Educators: Learn more about this program at our annual **Educator Open House** on Thursday, **October 24**, from 5pm–8pm.



Virtual Visits from The Field

Virtual Visits gives students an unparalleled chance to connect the research occurring at the Museum with learning in their own classroom. Using a 60-minute live broadcast, students can see, hear, and interact with researchers during a behind-the-scenes "visit" to the Museum's state-of-the-art laboratory. Participants will be able to meet scientist Bill Stanley, Negaunee Collection Manager, Mammals, and follow along as he conducts a live squirrel dissection.

Virtual Visits will take place on the following dates:
October 8 & 9
November 5 & 6

Major Sponsor: Target

Please visit fieldmuseum.org/schools/virtual-visits for more information or email digitalstudio@fieldmuseum.org to register.



Boy Scouts—Earn a Merit Badge at The Field Museum!

Badge Day at The Field will have Boy Scouts trekking across the Museum with fun scavenger hunts, exploring natural sciences through hands-on activities, and experiencing a behind-the-scenes tour with a Field Museum scientist. All Merit Badge requirements are completed through the program! Each program runs on Saturdays in the fall from 9am–3:30pm.

Fall 2013 Merit Badges (Limited tickets available!)

- 9.21 > ~~Geology + Archaeology (NEW)~~ → **Sold out!**
- 10.5 > ~~Environmental Science 1 + Archaeology (NEW)~~
- 10.19 > ~~Environmental Science 1 + Archaeology (NEW)~~
- 11.2 > ~~Environmental Science 1 + Indian Lore~~
- 11.9 > ~~Environmental Science 2 + Geology~~
- 11.16 > ~~Environmental Science 2 + Mammal Study~~
- 12.7 > ~~Environmental Science 2 + Mammal Study~~

Cost: \$25 per scout; \$5 per chaperone (at least one chaperone per troop is required). Register at fieldmuseum.org/happening/badge-day-field.

2014 Badge Day tickets will go on sale in July 2014.

Don't miss these exhibitions before they close!

Creatures of Light: Nature's Bioluminescence Through January 5, 2014

From glowworms to deep-sea fishes, immerse yourself in the mysterious and magical world of bioluminescence and discover the thousands of other living organisms that blink, glow, flash, and flicker.

Creatures of Light: Nature's Bioluminescence is organized by the American Museum of Natural History in collaboration with the Canadian Museum of Nature and The Field Museum.

Major Sponsor: Discover

Images of the Afterlife: Facing the Ancient Egyptians Extended through January 20, 2014

Come face to face with two of the Museum's mummies! Artist Elisabeth Daynès used CT scans of Egyptian mummies to produce realistic portraits of people who lived and died thousands of years ago.

This exhibition was organized by The Field Museum.

Fractured: North Dakota's Oil Boom Through January 20, 2014

Journey to the prairies of North Dakota with nationally acclaimed photographer Terry Evans and award-winning journalist and filmmaker Elizabeth Farnsworth and explore the impact of the current oil boom on the Williston Basin region.

This exhibition was organized by The Field Museum.

Getting to The Field Museum

Many buses and rail lines provide access to The Field Museum. For more information, call 888.YOURCTA or visit www.transitchicago.com. Visit www.rtachicago.com for regional transit information.

What do you think about In The Field?

For questions about the magazine, call 312.665.7107, email ewaldren@fieldmuseum.org or write Emily Waldren, Editor. For general membership inquiries, including address changes, call 866.312.2781.

always be discovering.

The Field
Museum

The Field Museum

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All the World's a Fair!



GN88786C

Take a tour of times past at *Opening the Vaults: Wonders of the 1893 World's Fair* and visit the exhibition's store to discover a selection of commemorative items ranging from Ferris Wheel collectibles to prints of the World's Columbian Exposition. Don't forget to mark your calendar for the annual **Members' Holiday Shopping Days**, Monday, December 2 through Sunday, December 8, when members receive a double discount (20 percent!) on all Museum Store purchases, both in the Museum and online.

As always, you can shop the Museum Stores 24 hours a day at fieldmuseum.org.

Remember that all proceeds from the Stores directly support the Museum's public and scientific programs and that all Field Museum members receive a 10 percent discount on their purchases.

Give the Gift of Membership this Holiday Season!

As a current Museum member, you already know the benefits of a Museum membership. For the holidays, why not share the gift of discovery with someone special in your life? The holidays only come once a year, but a Field Museum membership brings joy and excitement to your loved one all year long.

Gift memberships include:

- Free admission and free tickets to our temporary exhibitions
- Tickets to our famed Members' Nights
- Discounts on education programs and in the Museum's stores and restaurants
- One-year subscription to *In The Field* member magazine
- And more!

You can order online (fieldmuseum.org/support/gift-membership), over the phone (312.665.7700), or on your next visit to The Field Museum.